

PATENT ABSTRACTS OF JAPAN

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(1) ADHESIVE

(1)Abstract:

PROBLEM TO BE SOLVED: To provide an adhesive which keeps its adhesion even when subjected to various sterilization treatments when used to bond polyvinyl chloride substitutes in medical devices, sanitary products and medical supplies and which can be used easily.

SOLUTION: An adhesive comprises a solution obtained by dissolving at least one of those selected from block copolymers comprising (A) polymer blocks comprising aromatic vinyl compound units and (B) polymer blocks comprising conjugated diene units, the content of the aromatic vinyl compound units being 10 wt.%, and hydrogenated products thereof in an organic solvent. The polymer block (B) is preferably at least one polymer block selected from the group consisting of (b1) polyisoprene blocks having 1,2-linkage and 3,4-linkage content of 3 mol% or more, (b2) polymer blocks comprising 5-95 wt.% of isoprene unit and 5 wt.% of butadiene unit having a 1,2-linkage and 3,4-linkage content of 20 mol% or more and (b3) polybutadiene blocks having a 1,2-linkage content of 35 mol% or more.

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